

USPTO Customer No. 25280

Case 5023

AMENDMENT TO THE CLAIMS

1. (Currently amended) An apparatus for the in situ formation and placement of a textile-reinforced pipe, said apparatus in combination comprising: having an a transportation device, on which said transportation device are located a trench forming device, a pipe forming device, a reinforcing textile reinforcement material supply, and at least one extrusion material device; associated with said transportation device; said pipe forming device having (a) an inner wall die for receiving a first layer of extruded material from the at least one extrusion material device and forming an inner wall, (b) a reinforcing textile reinforcement material guide for receiving reinforcing a textile reinforcement material from the reinforcing the textile reinforcement material supply and positioning the reinforcing textile reinforcement material on the inner wall, and (c) an outer wall die for receiving a second layer of extruded material from the at least one extrusion material device, wherein the textile reinforcement material has an open mesh structure, and wherein said trench forming device and said pipe forming device are positioned such that said pipe forming device positions a pipe within a trench formed by said trench forming device.
2. (New) The apparatus of Claim 1, wherein the textile reinforcement material has a construction selected from the group consisting of a knit construction, a woven construction, a non-woven construction, and an in-laid construction.
3. (New) The apparatus of Claim 1, wherein the textile reinforcement material has an elongation at break of about 2-3%.